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**Subject: FW: RMD PbI2-HgI2 samples**

**Date:** Wednesday, June 6, 2007 2:43 PM

**From:** George Zentai <George.Zentai@varian.com>

**To:** Larry Partain <Larry.Partain@varian.com>, Keith Askoff  
<Keith.Askoff@varian.com>, <angelo\_gaz@bstz.com>

**Conversation:** RMD PbI2-HgI2 samples

Here is the first E-mail I found in which we reported the first results on heterojunction samples. Is November 14, 2002 early enough date?

Regards,

George

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**From:** Raisa Pavlyuchkova [mailto:raisa.pavlyuchkova@grc.varian.com]

**Sent:** Thursday, November 14, 2002 9:03 AM

**To:** george.zentai@varian.com

**Subject:** RE: RMD PbI2-HgI2 samples

George,

I finished sensitivity measurements of these samples yesterday.

I attached a file with graphs for dark current, sensitivity and detector response to radiation.

For the sample with thicker PbI2 layer there are data only for two contacts, the third contact shorted.

Raisa

-----Original Message-----

**From:** George Zentai [mailto:george.zentai@varian.com]

**Sent:** Thursday, November 14, 2002 5:45 AM

**To:** Raisa Pavlyuchkova

**Subject:** RMD PbI2-HgI2 samples

Hi Raisa,

I have talked to Kanai and he is very much interested in the results of the PbI<sub>2</sub>-HgI<sub>2</sub> heterojunction samples. Have you already tested these samples for dark current and sensitivity? If yes could you send me some preliminary results?

Thanks,

George